

## TBI Documentation Points

- **Indicate if traumatic/Non-Traumatic/During or Post Procedural**
- **Identify any associated open wounds or skull fractures with detailed locations and severity**
- **Location of injury (Diffuse/Focal)**
  - Brainstem
  - Cerebral –State Laterality (i.e. Right/Left Cerebrum)
  - Extradural/Epidural
  - Intracranial-State Laterality (i.e. Right/Left Internal Carotid)
  - Non-Traumatic – State cause, location/laterality (artery), associate residuals if known.
  - Subarachnoid
  - Subdural
- **Type of injury**
  - Concussion
  - Contusion
  - Hemorrhage
  - Laceration
  - Traumatic Cerebral Edema
  - Skull Fracture(s) with details of location, Open/Closed, Healing (Normal/Non Union/Sequela)
- **Identify level of consciousness at time of injury, if known**
  - None/unknown (specify “none” or “unknown”)
  - Specify time range
    - Greater than 24 hours indicate if return to pre-existing conscious level.

Examples in ICD-10

Traumatic Subdural Hemorrhage with loss of consciousness of unspecified duration  
 S06.5 x 9

Traumatic Intracerebral hemorrhage and hematoma of right cerebrum w/o loss of consciousness  
 S06.340



### TBI/Stroke ICD-10 Code Logic Tree Example

**IMPORTANT: Cause and association of residuals to condition should always be stated for brain injuries and strokes.**

<p><b>Concussion or Traumatic Cerebral Edema</b></p> <ul style="list-style-type: none"> <li>• Loss of consciousness/duration if known <ul style="list-style-type: none"> <li>○ Greater than 24 hours did patient return to pre-existing level of consciousness?</li> </ul> </li> </ul>
<p><b>TBI (State if Diffuse or Focal)</b></p> <ul style="list-style-type: none"> <li>• Type of Injury – Contusion/Laceration/Hemorrhage or Combination</li> <li>• Location – Right/Left Cerebrum; Subdural; Subarachnoid; Intracerebral (Right/Left Internal Carotid; Extradural/Epidural; Cerebellum; Brainstem))</li> <li>• Loss of consciousness/duration if known <ul style="list-style-type: none"> <li>○ Greater than 24 hours did patient return to pre-existing level of consciousness?</li> </ul> </li> <li>• GCS, if known speak to (required for trauma registries): <ul style="list-style-type: none"> <li>○ eyes open; <ul style="list-style-type: none"> <li>▪ never, to pain, to sound or spontaneous</li> </ul> </li> <li>○ best verbal response; <ul style="list-style-type: none"> <li>▪ incomprehensible words, inappropriate words, confused conversation, none or oriented</li> </ul> </li> <li>○ best motor response <ul style="list-style-type: none"> <li>▪ extension, abnormal, flexion withdrawal, localizes pain, obeys commands or none</li> </ul> </li> </ul> </li> </ul>
<p><b>Non-Traumatic Subarachnoid Hemorrhage</b></p> <ul style="list-style-type: none"> <li>• Location (Vessel) <ul style="list-style-type: none"> <li>○ From Carotid Siphon and Bifurcation (Right or Left); Middle Cerebral Artery (Right or Left); Anterior or Posterior Communicating Artery (Right or Left); Vertebral (Right or Left); Basilar</li> </ul> </li> </ul>
<p><b>Non-Traumatic Subdural Hemorrhage</b></p> <ul style="list-style-type: none"> <li>• Severity (Acute; Subacute; Chronic)</li> </ul>
<p><b>Non-Traumatic Intracerebral Hemorrhage</b></p> <ul style="list-style-type: none"> <li>• Location: <ul style="list-style-type: none"> <li>○ Hemisphere: Cortical/Subcortical; Brainstem; Cerebellum; Intraventricular; Multiple Localized</li> </ul> </li> </ul>
<p><b>Stroke/CVA</b></p> <ul style="list-style-type: none"> <li>• Cause (Embolism; Thrombosis; Occlusion/Stenosis; Hemorrhage)</li> <li>• Location (Vessel, include laterality)</li> <li>• Associate Residuals (i.e. Left MCA CVA with dysphagia; left hemiplegia in right hand dominant patient; dysarthria; apraxia; aphasia; ataxia...)</li> </ul>